

MOKTIK

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EDUCATION

- ❖ Computer Science & Engineering | Vellore Institute of Technology, Bhopal
- ❖ Class XII (CBSE) | JMK International School, Pathankot

CGPA: 7.64 | 2022 - 2026
CGPA: 8.1 | 2022

SKILLS

- ❖ **Programming Languages:** Python (Pandas, NumPy, TensorFlow, PyTorch, Keras), SQL (Advance)
- ❖ **Machine Learning:** Deep Learning, Natural Language Processing, Computer Vision, Large Language Models
- ❖ **Data Analysis:** Pandas, NumPy, Scikit-Learn, Data Visualization, Data Cleaning, Exploratory Data Analysis
- ❖ **Cloud Frameworks:** AWS (S3, EC2, Redshift, Glue, Athena, Lambda), Microsoft Azure, Docker, Kubernetes, CI/CD, Git
- ❖ **Data Management:** MySQL, PostgreSQL, MongoDB

WORK EXPERIENCE

Machine Learning Trainee | Amazon ML Summer School 2025, India

August 2025 - September 2025

- ❖ Trained by Amazon Data Scientists in the selective ML Summer School 2025, building expertise in Supervised & Unsupervised Learning, Generative AI, and Large Language Models (LLMs).
- ❖ *Technologies: Supervised & Unsupervised Learning, Generative AI, Large Language Model*

Data Scientist Intern | QuantAI Private Limited, Auckland

May 2025 - August 2025

- ❖ Engineered an LLM-powered Quant Query chatbot that translates natural language into optimized SQL, automating analytical workflows and boosting query execution efficiency by 40%.
- ❖ Developed and deployed real-time interactive data-visualization dashboards, increasing insight accessibility by 50% through dynamic chart rendering and automated analytics pipelines.
- ❖ *Technologies: FastAPI, Python, LangChain, Llama 3.3, Pandas, NumPy, SQL*

AI & Analytics Trainee | Orion eSolutions Private Limited, Mohali

February 2025 - May 2025

- ❖ Spearheaded an AI-based automation platform that scrapes, analyzes, and generates Upwork job proposals using NLP and Large Language Models (LLMs) reducing manual application time by 90%.
- ❖ Architected an intelligent matching engine for automated job analysis and proposal generation, enabling seamless end-to-end workflow between data processing and analysis.
- ❖ *Technologies: FastAPI, Python, NumPy, Natural Language Processing, SQLite, Regex, Llama 3.3*

Data Scientist Intern | Entritt Solutions Private Limited, Mohali

September 2024 - February 2025

- ❖ Exhibited excellence in banking data transformation for 1 lakh+ accounts, executing data quality, cleansing, validation, and migration to enhance compliance and reporting accuracy.
- ❖ Led a development of Credit Risk Scoring model, improving underwriting accuracy by 25% and accelerating BNPL, EMI, and education credit approvals.
- ❖ *Technologies: ETL, SQL, Python, Pandas, NumPy, Scikit-learn, Logistic Regression, XGBoost, Random Forest*

PROJECTS

AI Powered Surveillance System

- ❖ Streamlined an AI-powered surveillance system using YOLOv8 and LSTM Autoencoders that achieved 95% detection accuracy for anomalies like loitering and abandoned objects.
- ❖ Implemented object detection and behavioral analysis in Python with PyTorch, achieving threat identification in CCTV footage reducing false alerts by 40%.

Sales Forecasting and Market Growth Insights Dashboard

- ❖ Performed data cleaning, transformation, and exploratory analysis on 500K+ sales records, enhancing data reliability by 30% and enabling 95% accuracy in sales performance forecasting.
- ❖ Designed interactive Power BI dashboards with actionable KPIs that identified high-growth segments and improved strategic revenue allocation by 30%.

ACHIEVEMENTS

- ❖ Awarded 1st Runner-Up in the 7th Edition of Dattansh Data Analytics Hackathon at SCIT, Pune.
- ❖ Selected among top 3% nationwide for Amazon ML Summer School 2025.

CERTIFICATIONS

- ❖ IBM AI Engineering Professional Certificate – Coursera
- ❖ Python – Beginner to Advance for Data Professional – Code Basics
- ❖ SQL – Beginner to Advance for Data Professional – Code Basics
- ❖ Machine Learning for Data Science & AI – Code Basics